

PO Box 1890 Guayama, PR 00785 tel 787 866 8117 fax 787 866 8139 www.aespuertorico.com

April 15, 2016

Chief, Multimedia Permits and Compliance Branch Caribbean Environmental Protection Division U.S. Environmental Protection Agency, Region 2 City View Plaza II, Suite 7000 48 RD. 165 Km. 1.2 Guaynabo, Puerto Rico 00968-8069

RE:

Administrative Order on Consent Docket Number CWA-02-2015-3102 – Compliance with AOC Section VII, ¶77 5th Quarterly Progress Report

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶77, Until Termination of this Order, Respondent shall prepare and submit Quarterly Progress Reports (QPR) that describe the current status and progress of Respondent's actions taken to comply with the provisions of this Order.

In compliance with the new AOC requirement, AES-PR hereby submits the required QPR for Q-1 2016 as an attachment to this letter.

We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶77 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards.

Manuel Mata

President AES Puerto Rico

Attachments

Administrative Order on Consent AES Puerto Rico Coal Fired Power Plant Docket Number CWA-02-2015-3102 NPDES Tracking Number PRU020663

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata

President AES Puerto Rico

Date 4/15/2016



Quarterly Progress Report (QPR) No. 5

Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102

April 15, 2016

AES Puerto Rico, LP (AES-PR) is hereby submitting to the United States Environmental Protection Agency (USEPA) this Quarterly Progress Report (QPR) in accordance with Provision 77 of the Administrative Compliance Order (ACO), Docket Number CWA-02-2015-3102.

Milestones and Activities

This reporting period covers the actions taken from **January 1, 2016** to **March 31, 2016**. During this reporting period AES-PR completed a number of actions towards meeting the Provisions of this ACO, including:

- 1- Ordered Provision 68 Upon the Effective Date of this Order and for a period of one year, Respondent shall conduct benchmark monitoring and analyze samples according to Part 6.1.3 (measurable storm event), Part 6.1.4 (sample type), Part 6.1.5 (adverse weather condition), Part 6.1.7 (monitoring periods), Part 6.2.1.1 (applicability of benchmark monitoring), Part 6.2.1.2 (benchmark monitoring schedule), Part 8.O.7 (sector-specific benchmark for steam electric power generating facilities) and Part 8.Q.6 (sector-specific for water transportation) of the MSGP. Also, Respondent shall:
 - a. monitor at least once at the permanent sampling points 001, 002, and 003 (SP-001, SP-002, and SP-003, respectively) in each of the following 3-month intervals: January 1 March 31; April 1 June 30; July 1 September 30; and October 1 December 31;
 - b. analyze the samples for total aluminum, total iron, total lead and total zinc;
 - c. document monitoring activities and laboratory reports for each sampling point; and
 - d. prepare MDMR forms within thirty (30) days of receiving the laboratory results. Respondent shall use the MDMR available at the EPA's web site at http://water.epa.gov/polwaste/npdes/stormwater/.

AES-PR personnel monitored permanent sampling points 001, 002, and 003 during **January 1 – March 31, 2016**. Samples were analyzed for total aluminum, total iron, total lead and total zinc. Laboratory reports for sampling points were received on March 14, 2016 (**Attachment 1**).

2- Benchmark Monitoring Results

The Q1-2016 benchmark monitoring results for the three storm water outfalls are summarized in the tables and graphs included in **Attachment 2**.

Monitoring results for sampling point 001 indicate that the average of the four monitoring samples analyzed for aluminum (0.79 mg/l) was slightly above benchmark (0.75 mg/l). Although not a significant increase in aluminum concentration was observed, corrective actions were completed in order to achieve and maintain monitoring parameters below benchmark. Corrective actions taken include periodic cleaning and inspection of the PVC header and sediment trap. Also, the stormwater inspection sheet was revised and improved to ensure adequate cleaning of the dock area.

The monitoring results for sampling point 002 indicate that aluminum and iron concentrations were above benchmark. Corrective actions were completed in order to comply with part 6.2.1 of the MSGP 2015. The selection, design, installation, and implementation of control measures were reviewed and evaluated in the field. Two exposed soil areas were identified, one located at the east side of the facility and one at the rip rap located close to sampling point 002. As a corrective action, exposed areas were stabilized with aggregate. Silt fencing was installed at the upper part of the stormwater drainage area at the east side of plant in order to reduce stormwater flow velocity and control erosion.

The monitoring results for sampling point 003 indicate a decrease in aluminum and iron concentrations. Stormwater monitoring parameters were all below benchmark value during this monitoring period. The average of the four monitoring samples analyzed for

all required parameters were below benchmark. Results indicate that control measures have been working efficiently and that no BMP modifications are necessary for that drainage area.

3- Additional Actions Taken

AES-PR is submitting with this QPR the compliance activities completed during this period (**Attachment 3**). It includes visual inspections and monitoring activities conducted for all plant storm water outfalls. Inspection results were documented and records kept with the Stormwater Pollution Prevention Plan. Routine site inspection and corrective actions for **January 1, 2016** to **March 31, 2016** period were completed, documented and being submitted with this report.

4- Activities for Next Reporting Period

During the next reporting period, AES will continue conducting benchmark monitoring and sampling as required in AOC provision 68.

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata Plant Manager

ATTACHMENT 1

Discharge Monitoring Report

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

000

PERMIT NUMBER

OMB No. 2040-0004 Form Approved

DISCHARGE NUMBER

DAY

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MONITORING PERIOD

DAY

MO

YEAR

FACILITY LOCATION

ADDRESS NAME

FROM 2016

2016 YEAR

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OF

This is a 4-part form





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: March 7, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1600573

SAMPLE DATE: 02/19/16

DESCRIPTION: Stormwater 001

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 4:10 PM DATE RECEIVED: 02/22/16

LAB. FILE ID: 1600573

MATRIX: Water (Storm Water)

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1600573 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	1.52	0.005	BTR	03/02/16
Iron	200.7(ICAP)	Grab	mg/L	1.18	0.010	BTR	03/02/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	03/01/16
Zinc	200.7(ICAP)	Grab	mg/L	0.089	0.002	BTR	03/01/16

^{*}Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Iris M. Chéver Alfonzo ic. # 2370

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero. ASOCIADO

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample esults related only to the sample submitted esults related on he sample submitted.

Lcda. Iris M. Chévere Alfo

Laboratory Director Chemist License 2370

LICENC 1569984

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Gue	oyah	a Redro E. Labayer
SAMPLE LOCATION/CLIE	NT ID	Storn W	7-4-	TIME AM CONTROL NO.
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General Environmental:	DC.			Sampling Witness;
Acidity ()	PC	VSS Alkalinity (PC	
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Bismuth (Bi) ()	*******	Calcium (Ca) ()	
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RCRA Metals ()	-	Organics-Pest/Herb (3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()	-	Organics-VOA (-	4. Hydrochloric acid (HCI) 9. FAS
TOX ()			-	5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenols GC ())	
Volatiles ()		Semi-Volitiles (BNA) ())	Sample type legend:
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BTEX ()		TTO ())	
TTO & Dioxin ()	-	TPH 8015 () Lindane ()	***************************************	Turnaround time: Sampling Equipment:
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				additional charges apply for rush orders

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

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DISCHARGE NUMBER

OMB No. 2040-0004 Form Approved

> DAY MO YEAR 2016 MONITORING PERIOD 2 DAY PERMIT NUMBER MO YEAR FROM 2016

> > FACILITY LOCATION

ADDRESS NAME

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DAY





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: March 7, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1600574

SAMPLE DATE: 02/19/16

DESCRIPTION: Stormwater 002

SAMPLE COLLECTED BY: Client (P. Labayen)

TIME: 4:05 PM

LAB. FILE ID: 1600574

DATE RECEIVED: 02/22/16

MATRIX: Water (Storm Water)

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1600574 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	17.1	0.005	BTR	03/02/16
Iron	200.7(ICAP)	Grab	mg/L	14.0	0.010	BTR	03/02/16
Lead	200.7(ICAP)	Grab	mg/L	0.005	0.002	BTR	03/01/16
Zinc	200.7(ICAP)	Grab	mg/L	0.113	0.002	BTR	03/01/16

^{*}Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence ASOCIADO that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted. Iris M. Chévere

Lcda, Iris M. Chévere Alfo Laboratory Director

Chemist License 2370

Alfonzo Lic. # 2370

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Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

000

OMB No. 2040-0004

Form Approved

DISCHARGE NUMBER

PERMIT NUMBER

MONITORING PERIOD ջ DAY MO

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FACILITY LOCATION

ADDRESS NAME

FROM 2016

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2016 YEAR

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PERMIT REQUIREMENT Required by system showing the region of sequential and all attachments were prepared under my direction of supervision in accordance with a system designed to assert that direct sequential information submitting take the information submitting the possibility of fine and imprisonment for knowing violations.		SAMPLE										
AME/TITLE PRINCIPAL EXECUTIVE OFFICER Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance was a system designed to assure that qualified persons direction growth information submitted. Based on my inquity of the person or best of my major of the person or best of my major and evaluate the information submitted is to the best of my knowledge persons direction gradient penalties for submitting false and complete. I am aware significant penalties for submitting false significant penalties for submitting false and complete and complete. I am aware significant penalties for submitting false significant penalties for submitting false.		PERMIT REQUIREMENT										
REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT RECOURT		SAMPLE										
IAME/TITLE PRINCIPAL EXECUTIVE OFFICER Learning under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or pressons independent and information including the personal bare of the person or pressons independent and complete. I am aware a splittrant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		PERMIT							_			
IAME/ITILE PRINCIPAL EXECUTIVE OFFICER Supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on may inquiry of the person of persons who manage the system, or hose persons who manage the system, or hose a person site of the person of persons who manage that the system or hose and belief, true, accurate and complete. I am aware that there are a significant penalties for submitting false sinformation, including the possibility of fine and imprisonment for knowing violations.		REQUIREMENT										
the information submitted. Based on my inquiry of the person or persons who manage the system, of those persons directly responsible of gatheringhed persons for the person or persons who manage the system, or those persons directly responsible of gatheringhed persons for the person or persons of the person or persons directly responsible of gatheringhed persons for the person or persons of the person or persons or pers	NAME/TITLE PRINCIPAL EXECUTIVE OFFIC		r penalty of law that this docume	ent and all attachments were pod to assure that qualified person	prepared under my or	direction or	H	_	THOUSAND IN	-		
information, including the possibility of fine and imprisonment for knowing violations.		the informatic persons direction belief to	on submitted. Based on my inquir tty responsible for gathering the info	y of the person or persons wh rmation, the information submitte	o manage the system ed is, to the best of my	n, or those knowledge			ELEPHONE	1	DATE	
	7	information, ii	net accurate, and complete. I am netuding the possibility of fine and it	aware that there are significal mprisonment for knowing violati	nt penalties for subnons.		SNATURE OF PRINCIPAL EXECU	7 June			Dole U	5

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EPA Form 3320-1 (Rev. 03-99) Previous editions may be used.

This is a 4-part form

PAGE

OF

DAY

NUMBER

AREA

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

2016 YEAR





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: March 7, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1600575

SAMPLE DATE: 02/19/16

DESCRIPTION: Stormwater 003

SAMPLE COLLECTED BY: Client (P. Labayen)

TIME: 4:15 PM

LAB. FILE ID: 1600575

DATE RECEIVED: 02/22/16

MATRIX: Water (Storm Water)

						com rrator,	
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1600575 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.208 0.305 <0.002 0.022	0.005 0.010 0.002 0.002	BTR BTR BTR BTR	03/02/16 03/02/16 03/01/16 03/01/16

^{*}Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in Manager's Designee. Sample results related only Report of Analysis has been authorized by the Laboratory Manager or the the sample submitted.

Iris M. Chévere

Alfonza Lic. # 2370

COLICENC

Lcda. Iris M. Chévere Alfo Laboratory Director Chemist License 2370

A 1569986

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPA	AES GLAINLE)	SAMPLER Pedro E. Labayen
SAMPLE LOCATION/CLIEN	T ID	51-0	1 1	
SAMPLE DATE	\dashv		9-	4.15 1 195241
		219/16	>	18003/3
General Environmental: Acidity	PC	VSS	PC	SamplingWitness;
Acidity () Ammonia as N ()		Alkalinity () Bicarbonate ()	-	Date/Time:
BOD-5	-	Bromide ()	***************************************	Relinquished by).
Chloride ()		Chlorine, Res. ()		Jehr hom
COD ()		Color (ADMI) ()		Date/Time: 3/22/16 9:15 Aug
Conductivity µmhos/cm () Dissolved Oxygen ()	-	Color (Pt-Co) ()		
Hardness ()	-	Cyanide () Fluoride ()		Received by:
Moisture %		Iodide ()		Edgardo L'Ilviz
Nitrite ()		Nitrate ()		Date/Time: 2/22/16 0915
Oil+Grease () Phenol ()	-	Nitrate + Nitrite ()		Relinquished by
Phosphorus, Total ()	-	pH, S.U. () Phosphate, Ortho ()		Edocal K
Sett Solids mg/L ()	-	Sett. Solids mL/L ()		Data/Time: sland
Sulfate ()		Solids, Total ()	_	Date/Time: 2/22/16 2:30/77
Sulfite ()		Sulfide ()		Received by:
TDS () Temperature, °C ()	-	Surfactant ()		_ Hu hoge
TOC ()		TSS () TKN ()		Date/Time: 2/27/16 7:30 Pm
Asbestos ()		Turbidity ()		Relinquished by:
TVS ()	-	Carbonate ()		and the state of t
Total Nitrogen () 2. Metals:				D / /Tr'
Aluminum (Al) (X)	_	Cadmium (Cd) ()		Date/Time:
Chromium (Cr) ()		Copper (Cu) ()	***************************************	Received by:
ron (Fe) (x)		Lead (Pb) (x)	<u></u>	
Manganese (Mn) ()		Mercury (Hg) ()		Date/Time:
Nickel (Ni) () Silver (Ag) ()	-	Selenium (Se) () Tin (Sn) ()		
Zinc (Zn) (\times)	1	Tin (Sn) () Arsenic (As) ()	-	Matrix
Barium (Ba) ()		Boron (B) ()	-	air () water (x) sludge ()
Antimony (Sb) ()		Beryllium (Be) ()		liquid () soil () solid ()
Bismuth (Bi) () Chromium, VI (CrVI) ()	-	Calcium (Ca) ()	-	oil () mixed () other ()
Magnesium (Mg) ()		Cobalt (Co) () Molybdenum (Mo) ()	Memorrow	one () one ()
Potassium (K) ()		Silicon (Si) ()	-	Specify: Itom water
Sodium (Na) ()	-	Strontium (Sr) ()		
Thallium (TI) () Vanadium (V) ()	-	Titanium (Ti) ()		Preservative Codes = PC
√anadium (V) ()		Lithium (Li) ()		
3. RCRA/Hazardous wastes				1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
gnitability (Flash Pt.)()	-	Corrosivity ()	-	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) () RCRA Metals ()		TCLP ()	-	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
CCRA Metals () Organics-BNA ()		Organics-Pest/Herb () Organics-VOA ()		4. Hydrochloric acid (HCl) 9. FAS
TOX ()	-	organics-von ()	*******	5. Sodium Thiosulfate 10.Other
Specific Committee		N		TU.OUICI
Specific Organics Volatiles ()		Phenols GC ()	-	Sample type legend:
Pesticides/PCB's ()		Semi-Volitiles (BNA) () PCB's Only ()		grab samples x
Herbicides ()		TPH 418.1 ()	<u>·</u>	composite samples xx
BTEX ()	-	TTO ()		•
TO & Dioxin ()	-	TPH 8015 () Lindane ()		Turnaround time: Sampling Equipment:
. Microbiology		Lindane ()	-	1 day () Antomotic Company
ecal Coliform ()		Total Coliform ()		1 day () Automatic Sampler () 2 days () Sample Pick Up ()
Comments:				3 days ()
omments.				5 days ()
		THE PROPERTY OF THE PROPERTY O		Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.

ATTACHMENT 2

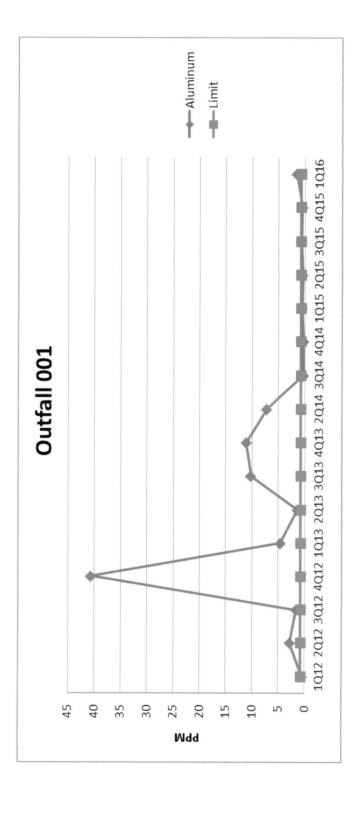
Summary of Benchmark Monitoring

AES Puerto Rico, L.P. Benchmark Monitoring Results Summary

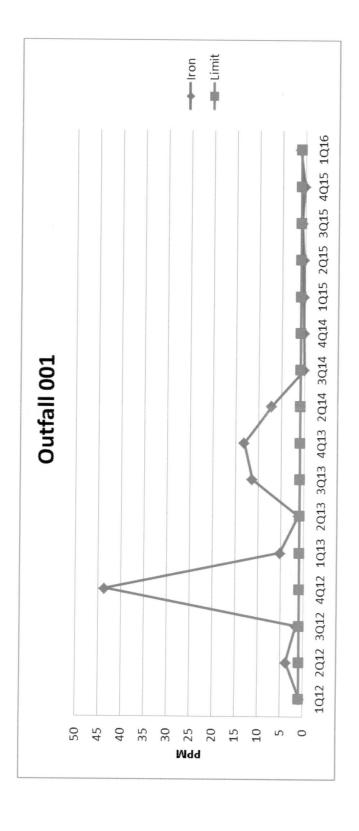
			Outfall 001	1001			Outfall 002	11 002			Outfa	Outfall 003	
Quarter	Period	Total Fe (mg/l)	Total Al (mg/l)	Total Pb	Total Zn	Total Fe	Total Al	Total Pb	Total Zn	Total Fe	Total Al	Total Pb	Total Zn
1	ENE-MAR 2015	0.344	0.568	0.002	0.124	0.272	0.947	0.004	0.006	(mg/l)	(mg/l)	(mg/l)	(l/gm)
2	ABR-JUN 2015	0.332	0.463	0.01	0.079	0.344	0.448	7.000	1000	065.0	0.912	00.00	0.009
ъ	JUL-SEP 2015	0.755	0.684	0.008	0.161	0.034	2 0	1200	0.011		ON S	O.N.	QN
4	OCT-DEC 2015	0.232	0.496	0000			60.0	0.021	600.0	0.452	0.405	0.017	0.041
,		263:0	0.00	0.002	0.024	0.292	0.459	0.002	0.012	0.682	1.33	0.002	0.028
1	ENE-MAR 2016	1.18	1.52	0.002	0.089	14.0	17.1	0.005	0.113	0.305	0.208	0.003	0.022
Quarterly AVERAGE	4 <i>VERAGE</i>	0.625	0.791	900.0	0.088	3.668	4.514	0.014	0.036	0.46	0.71	0.01	0.03
Benchmark	Benchmark Concentration	1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260	1.00	0.75	0.26	0.26

ND = No Discharge

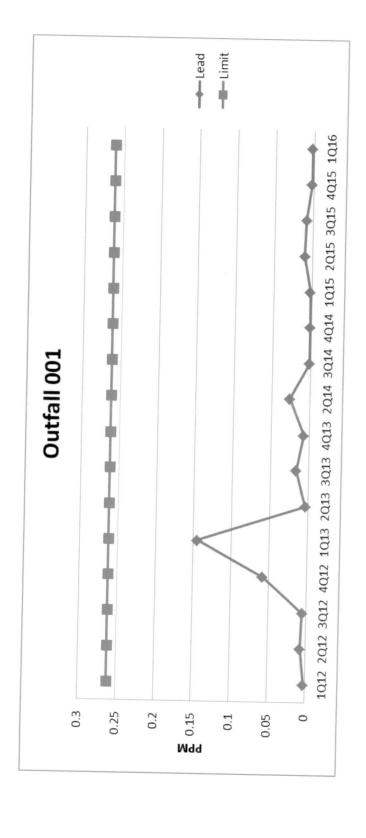
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



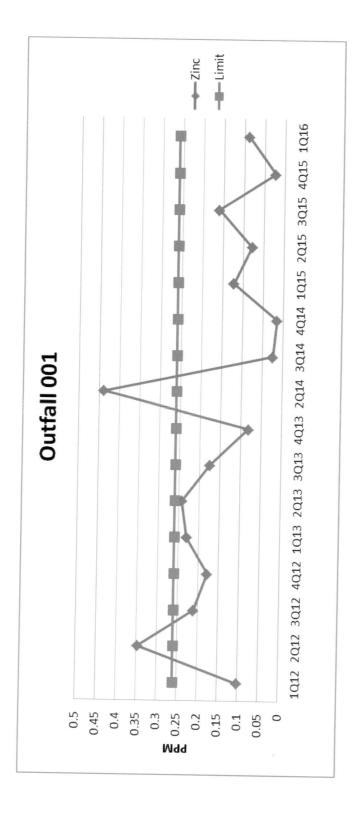
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



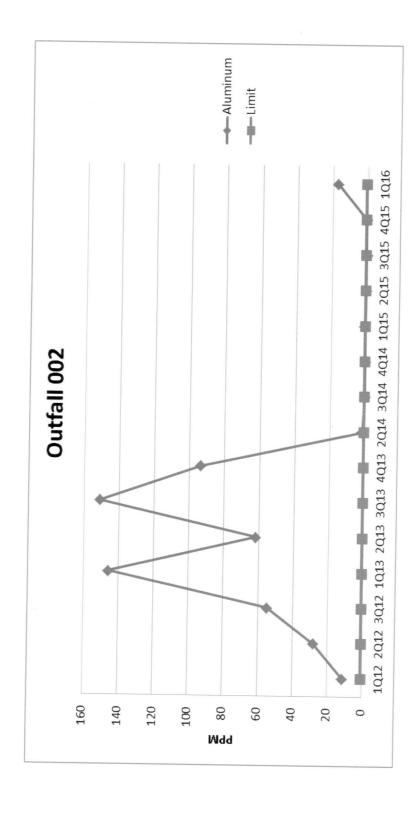
Quarterly Progress Report (QPR) No. 5
Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2015-3102



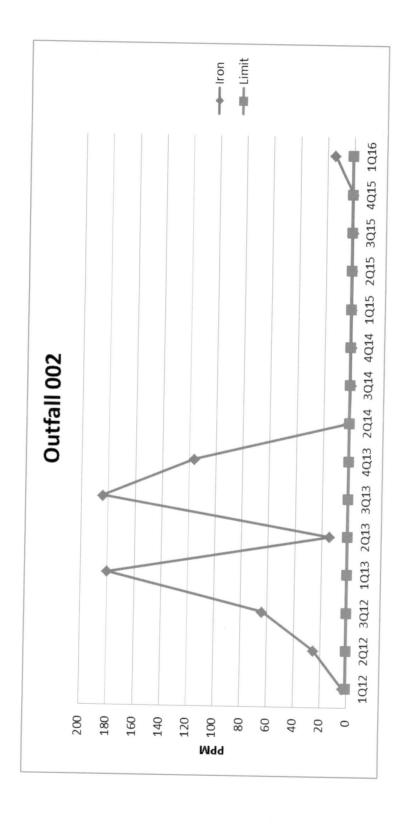
Quarterly Progress Report (QPR) No. 5
Administrative Compliance Order
AES-PR Coal Fired Power Plant
Docket Number CWA-02-2015-3102



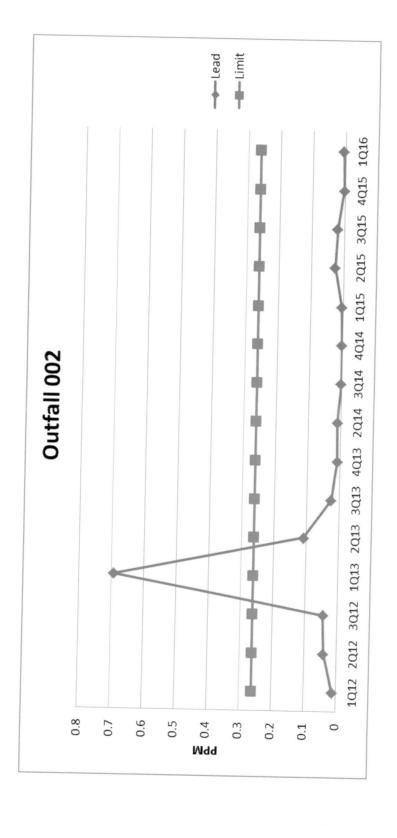
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



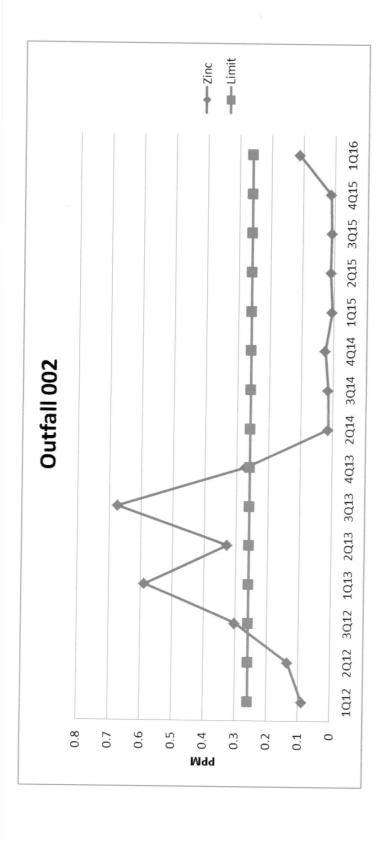
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



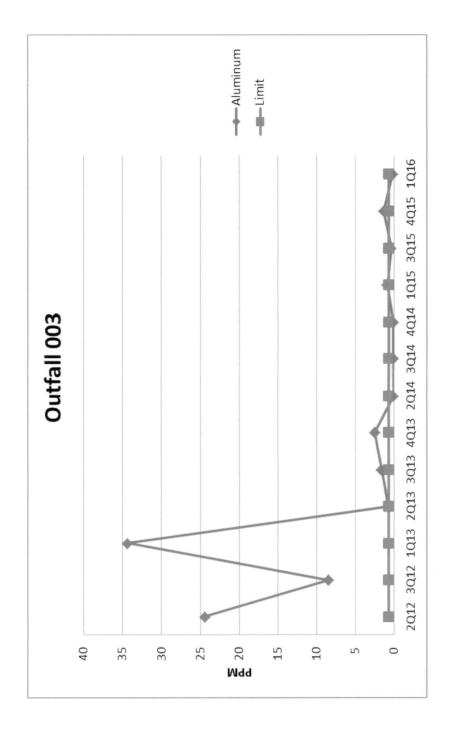
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



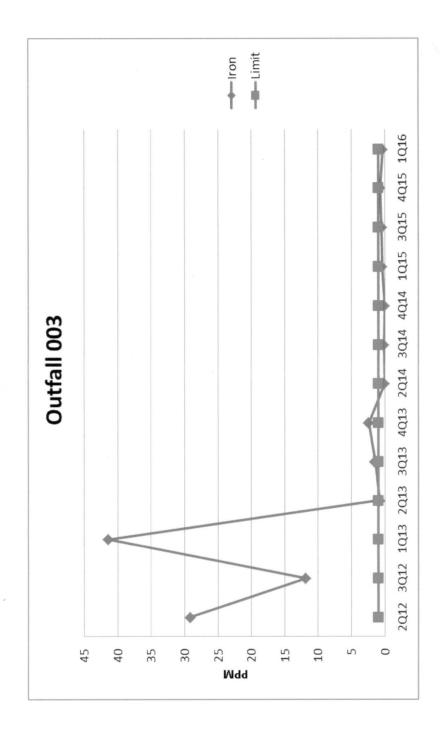
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



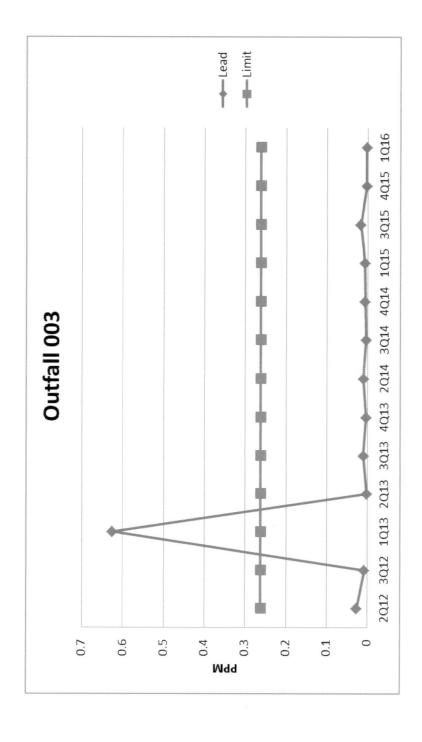
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



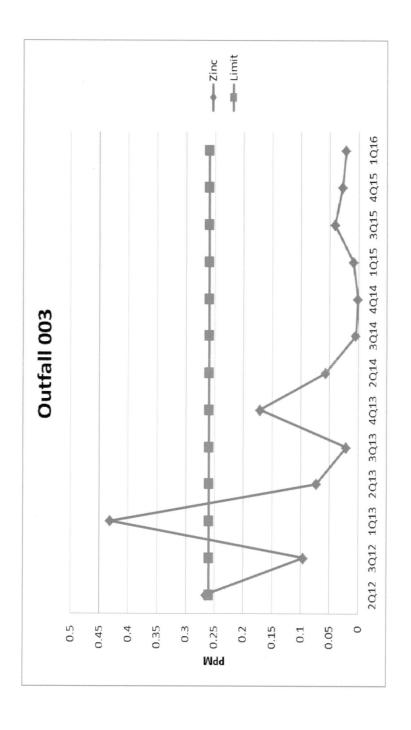
Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102



ATTACHMENT 3

Routine Inspection, Visual Inspections and Corrective Actions



Storm Water Industrial Routine Facility Inspection Form

Worksheet No. 4

	General Inf	ormation	
Facility Name	AES Puerto Rico, LP		
NPDES Tracking No.	PRR053093		
Date of Inspection	February 22, 2016	Start/End Time	9:50 am / 12:30 pm
Inspector's Name(s)	Pedro E. Labayen		
Inspector's Title(s)	Stormwater Compliance C	oordinator	
Inspector's Contact Information	(787) 866-8117 ext. 2215		
Inspector's Qualifications	Professional Engineer		
	Weather Inf	formation	
Weather at time of this inspection			
	☐ Sleet ☐ Fog ☐ High	n Winds	
☐ Other: Wind 4 mph		Temp	perature: 82°F
11			
Have any previously unidentified of	lischarges of pollutants occ	urred since the last	inspection? □Yes ☑No
If yes, describe:			
A (1 1: 1 :			
Are there any discharges occurring	g at the time of inspection?	□Yes ☑ No	
If yes, describe:			

Control Measures

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Run-on	Control (Northeast	Area)
01	Earth berm	✓Yes □No	☐ Maintenance☐ Repair☐ Replacement	
02	Concrete wall	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
03	Rip rap	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	V
04	Concrete swale	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
05	Run-on inlet grate	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
06	Polymer secondary containment	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

		Control	If No, In Need of	Corrective Action Needed and Notes			
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any			
	Structural Control	Operating	Repair, or	failed control measures that need replacement)			
ID.	Measure	Effectively?	Replacement?				
		Firewa	ater Pump station A	Area			
	Diesel tank secondary		☐ Maintenance				
07	containment	☑ Yes □ No	☐ Repair				
	Contaminent		☐ Replacement	Dike valve was observed closed and locked.			
			☐ Maintenance				
08	Oil / Water Separator	☑ Yes □ No	☐ Repair				
			☐ Replacement				
		Eas	st Access Road Area	a			
			☐ Maintenance				
09	Concrete channel	☑ Yes □No	☐ Repair				
			☐ Replacement	\			
			☐ Maintenance				
10	Low wall	☑ Yes □ No	☐ Repair				
			☐ Replacement				
	Concrete swale next to		☐ Maintenance				
11	switch yard	☑ Yes □No	☐ Repair	Switch yard entrance was stabilized with 2"			
	switch yard		☐ Replacement	stone.			
		Liqu	id Urea Storage Ar	ea			
			☐ Maintenance				
12	Low wall	☑ Yes □No	☐ Repair				
			☐ Replacement				
			☐ Maintenance				
13	Slope liner	☑ Yes □ No	☐ Repair				
	9		☐ Replacement				
	Truck secondary		☐ Maintenance				
14	containment	☑ Yes □ No	☐ Repair				
	Contamment		☐ Replacement				
	Tank secondary		☐ Maintenance				
15	containment	☑ Yes □ No	☐ Repair				
	contaminent		☐ Replacement				
			☐ Maintenance				
16	Concrete berm	☑Yes □No	☐ Repair				
			☐ Replacement	2			
	Concrete channel culvert		☐ Maintenance	No non-stormwater was observed through the			
17	inlet	✓Yes □No	☐ Repair	channel. Corrective action was completed to			
	met		☐ Replacement	eliminate a condensate filtration into the culvert.			
Oil Drums Storage							
	Covered secondary		☐ Maintenance				
18	containment	✓Yes □No	☐ Repair				
			☐ Replacement				
		,	Ash Silos- spout				
			☐ Maintenance				
19	Ash silos	☑ Yes □ No	☐ Repair				
			☐ Replacement				
• •			☐ Maintenance				
20	Spout connection	✓Yes □No	☐ Repair	_			
			Replacement				
			☐ Maintenance	y r			
21	Water spray nozzles	☑Yes □No	☐ Repair				
			☐ Replacement				

		Control	If No, In Need of	Corrective Action Needed and Notes				
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any				
TID.	Structural Control	Operating	Repair, or	failed control measures that need replacement)				
ID.	Measure	Effectively?	Replacement?					
		-	☐ Maintenance					
22	Water hose	☑ Yes □ No	Repair					
			☐ Replacement					
	Diesel Fuel Storage							
	Tank truck secondary containment	✓Yes □No	☐ Maintenance					
23			Repair					
			☐ Replacement					
	Tanks secondary containment	☑ Yes □No	☐ Maintenance					
24			☐ Repair					
			☐ Replacement					
	5	☑ Yes □No	☐ Maintenance					
25	Drip pans for vehicle /		☐ Repair					
	equipment fueling		☐ Replacement					
		AC	GREMAX Stockpile					
			☐ Maintenance					
26	Gabion wall	☑Yes □No	☐ Repair					
			☐ Replacement					
			☐ Maintenance					
27	10 feet buffer zone	☑Yes □No	☐ Repair					
			☐ Replacement					
	Low wall	☑ Yes □No	☐ Maintenance					
28			☐ Repair					
			☐ Replacement					
	Covered conveyors	☑ Yes □No	☐ Maintenance					
32			☐ Repair					
			☐ Replacement					
			☐ Maintenance					
35	Wheel wash	☑Yes □No	☐ Repair	Wheel wash area needed engineering				
			☐ Replacement	improvements.				
			☐ Maintenance					
37	Concrete channel	☑ Yes □ No	☐ Repair					
			☐ Replacement					
			Gate #3					
			☐ Maintenance					
39	Road grating (2)	✓Yes □No	☐ Repair					
			☐ Replacement					
			☐ Maintenance					
40	Curb	☑Yes □No	☐ Repair					
			☐ Replacement					
	Curb riprap	□Yes ☑No	☐ Maintenance					
41			☐ Repair					
			Replacement	Border of the rip rap needed stone cover.				
			☑ Maintenance					
42	Slope liner	☑ Yes □ No	Repair					
			Replacement					
43	Outfall riprap	☑ Yes □ No	☐ Maintenance					
			Repair					
			☐ Replacement					

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)					
44	Sampling Point Outfall 002	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement						
45	Concrete wall	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement						
	AGREMAX Stockpile Perimeter Road								
48	Gravel cover	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement						
49	Concrete channel	☑ Yes □No	☐ Maintenance☐ Repair☐ Replacement						
50	Low wall	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement						
51	Run on outfall	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement)					
			Coal Stockpile						
52	Runoff pond	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement						
53	Super silt fence	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement						
54	Sediment trap	☑ Yes □No	☐ Maintenance☐ Repair☐ Replacement						
55	Concrete swale	☑ Yes □ No	☐ Maintenance ☐ Repair ☐ Replacement						
56	Wheel washer	□Yes ☑No	☐ Maintenance ☐ Repair ☐ Replacement	Wheel washer engineering modifications are under evaluation in order to improve efficiency of control. As an immediate action, crossing of heavy equipment to mechanical shop area was prohibited by Material Handling Manager.					
57	Riprap in channel and slopes	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement						
	Heavy Equipment Maintenance Shop								
61	Floor grating	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement						
62	Oil / Water Separator	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement						
63	Used oil storage tank and drums secondary containment	☑ Yes □ No	☐ Maintenance ☐ Repair ☐ Replacement						
64	Recyclable metals roll-off container cover	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	No containers available at this time.					

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)				
	Warehouse / Urea Storage Building							
			☐ Maintenance					
65	Access road gravel cover	☑ Yes □No	☐ Repair					
			☐ Replacement	2				
			☐ Maintenance					
66	Earthen berm on west side	☑Yes □No	☐ Repair					
			☐ Replacement					
(7	1	-	☐ Maintenance					
67	Low wall on north side	☑ Yes □ No	Repair					
			Replacement					
68	Transpaidal annala		☐ Maintenance					
00	Trapezoidal swale	☑ Yes □ No	Repair					
	l	0 1	Replacement					
		Open A	rea West of Cooling	Tower				
69	Gravel cover	□Yes ☑No	☐ Maintenance					
0)	Graver cover	TIES MINO	☑ Repair	The				
			☐ Replacement☐ Maintenance☐	The area will be refilled with aggregate stone.				
70	Slope liners	☑ Yes □No	□ Repair					
, 0	Stope inters	L 103 L 140	☐ Replacement					
			Cooling Tower					
			☐ Maintenance					
71	Secondary containment	✓Yes □No	Repair					
	dike		☐ Replacement					
			Water Treatment					
	Cludes well off out i	✓Yes □No	☐ Maintenance					
72	Sludge roll- off container		☐ Repair					
	inside clean grating		☐ Replacement					
	Soda ash silo secondary		☐ Maintenance					
73	containment	✓Yes □No	☐ Repair					
	Section of the polymera process of the contract of the contrac		☐ Replacement					
	Acid / caustic tank truck		☐ Maintenance					
74	unloading secondary	☑Yes □No	☐ Repair					
	containment		☐ Replacement					
		Access	Road West of Power	Plant				
75	Cotob bosin in serts		☐ Maintenance					
13	Catch basin inserts	☑ Yes □ No	Repair					
			Replacement					
76	Curb inlet	Myss DNs	☐ Maintenance					
70	Curb fillet	☑ Yes □ No	Repair					
			Replacement					
77	Concrete berm w/ shallow	☑Yes □No	☐ Maintenance☐ Repair					
, ,	gutter and curb inlet							
			☐ Replacement ☐ Maintenance					
78	Mercury control chemicals	☑ Yes □ No	☐ Repair					
	covered storage dike	1 103 1 10	□ Replacement					
	Storm Water Runoff Pond							
	☐ Maintenance							
80	Concrete weir	☑Yes □No	Repair					
			Replacement					

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	☑ Yes □No	☐ Maintenance☐ Repair☐ Replacement	
82	Sediment accumulation control	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
83	Chemicals secondary containment	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Road Nor	th of Coal Pile Runo	off Pond
85	Coal pile runoff pond	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
86	Low wall	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
87	Riprap in channel and slopes	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
88	Concrete wall	☑ Yes □ No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
90	Box culvert	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	☑ Yes □ No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	☑ Yes □ No	☐ Maintenance ☐ Repair ☐ Replacement	
93	Pier secondary containment	☑ Yes □ No	☐ Maintenance ☐ Repair ☐ Replacement	
94	Sampling Point Outfall 001	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	☑ Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	✓Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	✓Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	☑ Yes □No □ N/A	
5	Waste handling and disposal areas	☑ Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	,
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	☑Yes □No □ N/A	
10	Power Block Area	☑Yes □No □ N/A	
11	Administration Building Area	☑ Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	☑Yes □No □ N/A	
13	Marine Dock Area	☑Yes □No □ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	Troubleshooting and programing were requested by an external contractor. The equipment will be set with the correct conditions for sampling.
15	Stormwater Sample Point 002	☑Yes □No □ N/A	Troubleshooting and programing were requested by an external contractor. The equipment will be set with the correct conditions for sampling.
16	Stormwater Sample Point 003	☑Yes □No □ N/A	Troubleshooting and programing were requested by an external contractor. The equipment will be set with the correct conditions for sampling.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
17	Run-on storm water conveyance system	✓Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	☑Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	☑Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	☑Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Non-Compliance Describe any incidents of non-compliance observed and not described above: **Additional Control Measures** Describe any additional control measures needed to comply with the permit requirements:

Notes

Use this space for any additional notes or observations from the inspection:
- Welding activities were observed outside the maintenance building. Works will be relocated in order to prevent exposure to stormwater.

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Labayer Sombale Complete Coordon to.

Signature: Velle May Date: Feb 22, 2016



	MSGP Quarterly Visual A	ssessment	Form	Worksheet No. 6	
)	(Complete a separate form for eac		s)		
Name of Facility: AES Puerto Rico, L.P.	NPDES Track	ing No.			
Outfall Name: 001 "Substantially Ide	entical Outfall"? No	S			
Person(s)/Title(s) collecting sample: Pedro E. La	abayen				
Person(s)/Title(s) examining sample: Pedro E. L	.abayen / Storm Water Compliance C	oordinator			
Date & Time Discharge Began: (2/19/16 3:30pm)	Date & Time Sample Collected: (2/19,	(16 4:10pm)	Date & Time Sample Exam Note: Samples must be examined		
Substitute Sample? 🛛 No 🔲 Yes (identify	quarter/year when sample was origin	ally scheduled	to be collected):		
Nature of Discharge: 🛛 Rainfall 🔲 Snowme	elt				
If rainfall: Rainfall Amount: 0.44 inches	Previous Storm Ended > 72 hours Before Start of This Storm?	☐ Yes	No* The automatic sample discharge occurred late night in sample manually due to risk ar		
	Parameter				
Color		eum/Gas			
Clarity Clear Slightly Cloudy	Cloudy 🛛 Opaque 🗌 Other				
Floating Solids No Yes (describe					
Settled Solids** No Yes (describe					
Suspended Solids No Yes (describe					
m (gently shake sample) No Yes	,				
Oil Sheen	Sheen Slick				
Stormwater Pollution	es (describe):				
Sampling not performed due to no measurab	ole storm event occurring that resu	ılted in a disch	narge during the monitoring	g quarter:	
No Yes (describe):				a - 4	
The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less han a 72-hour interval is representative of local storm events during the sampling period.					
* Observe for settled solids after allowing the sample	to sit for approximately one-half hour.				
Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary).					
Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)					
certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons lirectly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					
. Name: Pedro E. Labayen B. Title: Stormwater Compliance Coordinator					
Signature: Pels & Lake			6 27 70/1		



	MSGP Quarterly Visual Assessment			
Name of Facility: AES Puerto Rico, L.P.	(Complete a separate form for each outfall you assess NPDES Tracking No.	5)		
Outfall Name: 002 "Substantially Ident	tical Outfall"? No Yes			
Person(s)/Title(s) collecting sample: Pedro E. Lab				
Person(s)/Title(s) examining sample: Pedro E. Lal	bayen / Stormwater Compliance Coordinator			
		Date & Time Sample Examined: Feb 19, 2016(4:50 PM)		
Substitute Sample? No Yes (identify qu	uarter/year when sample was originally scheduled	to be collected).		
Nature of Discharge: ⊠ Rainfall ☐ Snowmelt		(a) 20 00110010dj.		
If rainfall: Rainfall Amount: 0.44 inches	Previous Storm Ended > 72 hours Yes Before Start of This Storm?	No* Although, a rain storm occurred 24hr. before, it did not generated a discharge (No measurable storm event).		
	Parameter	o and an angle (are measurable otomic oroni).		
Color None Other (describe):				
Odor None Musty Sewage Solvents Other (describe):	Sulfur Sour Petroleum/Gas			
Clarity Clear Slightly Cloudy	Cloudy 🛛 Opaque 🗌 Other			
Floating Solids No Yes (describe):				
Settled Solids** No Yes (Soil erosion	from unfilled areas at the curved rip rap were observed.	This BMP will be repaired as a Corrective Action.)		
Suspended Solids No Yes (describe):				
m (gently shake sample) No Yes (d				
Sheen None Flecks Globs COther (describe):	Sheen Slick			
Other Obvious Indicators of No Yes Stormwater Pollution	(describe):			
Sampling not performed due to no measurable stor	m event occurring that resulted in a discharge duri	ng the monitoring quarter:		
No Yes (describe):				
The state of the s	rents during the sampling period.	able to document (attach applicable documentation) that less		
** Observe for settled solids after allowing the sample to	sit for approximately one-half hour.			
Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary). Rip rap located south of the AGREMAX pile must be repaired to maintain adequate soil erosion control. Some parts of the system needed to be filled with stone orating must be replaced.				
3 mast 20 ropidood.		1		
Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements) I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that				
qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				
A. Name: Pedro E. Labayen	B. Title: Stormwater C	compliance Coordinator		
Signature: Poly & The	D. Date Signed:	(2 %)		



		MSGP Quarterly Visual Ass			
Name of Facility:	AES Puerto Rico, L.P.	(Complete a separate form for each ou		ss)	
Outfall Name: 003	•	NPDES Tracking ntical Outfall"? ⊠ No □ Yes	No.		
	collecting sample: Pedro E. L				
ı		•			
		abayen / Stormwater Compliance Co			
Date & Time Discharg	ge Began:(02/19/16/3:40pm)	Date & Time Sample Collected: (02/19/16	6/4:15pm)	Date & Time Sample Examined: (02/19/16/4:50pm)	
Substitute Sample?	No ☐ Yes (identify	quarter/year when sample was originally	scheduled	to be collected):	
Nature of Discharge	e: 🛛 Rainfall 🔲 Snowme				
If rainfall: Rainfall A	Amount: 0.44 inches	Previous Storm Ended > 72 hours [Before Start of This Storm?	Yes	No* Although, a rain storm occurred 24hr. before, it did not generated a discharge (No measurable storm event).	
Colon DN		Parameter		Ç (
Color None	(40001100)121	ght yellow color.			
Odor None Solve		Sulfur Sour Petroleum	/Gas		
Clarity Clear	☐ Slightly Cloudy ☐	Cloudy Dpaque Other			
Floating Solids	No Yes (describe)	:			
	No Yes (describe)				
	No Yes (describe)				
m (gently shake	- American	•			
☐ Othe	er (describe):	Sheen Slick			
Other Obvious Indica Stormwater Pollution		s (describe):			
Sampling not perfo	Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:				
⊠ No ☐ Yes (de	escribe):				
1	1	verte daring the sampling period.	or if you are	able to document (attach applicable documentation) that less	
** Observe for settled so	olids after allowing the sample to	sit for approximately one-half hour.			
Detail any concerns necessary).	, additional comments, des	criptions of pictures taken, and any c	orrective a	ctions taken below (attach additional sheets as	
Certification by Facility	y Responsible Official (Refer t	o MSGP Subpart 11 Appendix B for Signa	tory Require	emante)	
qualified personnel prop directly responsible for a	law that this document and all a erly gathered and evaluated the lathering the information, the info	attachments were prepared under my direction	n or supervis	or persons who manage the system, or those persons	
A. Name: Pedro E. Laba		B. Title: S	Stormwater C	Compliance Coordinator	
C. Signature: Perly	Chiles	N Nata Si	igned: F	/ ~ ~ ~	

Corrective Action Documentation - 1^{rst} Quarter 2016

Instructions:

Within 24 hours of becoming aware of a condition identified in Parts 4.1 or 4.2 of the 2015 MSGP, document the existence of the condition and subsequent actions. Note that this information must be summarized in the annual report (as required in Part 7.5 of the 2015 MSGP).

Corrective Action #1

Description of Condition: The sludge containment area located west of the water treatment plant must be completely enclosed to collect and reuse all storm waters from that area.

Date: January 19, 2016

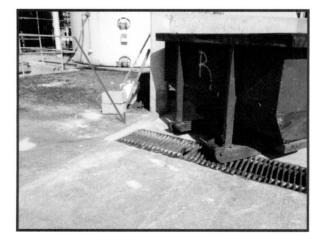
Immediate Actions: A notification to the maintenance and operations personnel was submitted (Notification #:1000436248).

Actions Taken within 14 Days: Plant operations personnel was assigned to perform the work.

14 Day Infeasibility: A small concrete berm will be installed in order to completely segregate the sludge containment area. This requires the coordination of civil works at that area.

45 Day Extension: N/A

Date Completed: February 8, 2016



Description of Condition: Repair sagging pier pipe and joints.

Date: January 19, 2016

Immediate Actions: A notification was made to the maintenance department to repair sagging pier pipe and joints at the West side of Dock walkway (Notification #:1000435941). A work order was generated (WO#: 773750).

Actions Taken within 14 Days: Work coordination with planners.

14 Day Infeasibility: This work requires installation of scaffolds in coordination with maintenance and material handling personnel. Work was scheduled considering coal transfer dates, materials needed and safety precautions. Scaffolds will be installed on the second week of February 2016. Reparation works were coordinated for the third week of February 2016.

45 Day Extension: N/A

Date Completed: February 29, 2016



Description of Condition: Repair steam condensate blowdown drainage pipe at east side of plant.

Date: January 19, 2016

Immediate Actions: A notification was made to planning and maintenance departments. (Notification #:10006098). A work order was generated (WO#: 771752).

Actions Taken within 14 Days: Electrical conductivity of water was analyzed in order to identify the source of condensate and locate the specific pipe area to be repaired.

14 Day Infeasibility: This pipe is located underground and will require excavation to get access. This work involves excavator (digger) machine rental and order of materials including pipes and fittings. The excavator rental and works were coordinated for the third week of February 2016.

45 Day Extension: N/A

Date Completed: February 19, 2016



Description of Condition: Clean and provide aggregate cover to road between the coal pile and mechanical shop.

Date: January 19, 2016

Immediate Actions: The road traffic was restricted and will be used only under the material handling manager authorization.

Actions Taken within 14 Days: The road was refilled with aggregate stone.

14 Day Infeasibility: N/A

45 Day Extension: N/A

Date Completed: February 1, 2016



Description of Condition: Rip rap located south of the AGREMAX pile must be repaired to improve adequate soil erosion control. Some parts of the system needed to be filled with stone to better cover all soil area.

Date: February 19, 2016 (stormwater visual inspection/benchmark monitoring)

Immediate Actions: The CCP personnel were informed about the problem. Corrective actions were coordinated for next day.

Actions Taken within 14 Days: The following actions were completed:

- Exposed areas were identified and covered with aggregate stone material. Installation was performed using an external contractor.
- High capacity drain guards installed in grating from gate #3 were replaced. This material was also included as a stock item in order to have available material for replacement.
- Silt fence was installed at the upper part of the grassed swale located at the east side of plant in order to reduce stormwater flow velocity and control erosion.

14 Day Infeasibility: N/A

45 Day Extension: N/A

Date Completed: March 15, 2016





Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102

Corrective Action #6

Description of Condition: Reparation activities including welding of large equipment have been performed outdoor due to space limitations. These activities must be performed indoors to minimize exposure to storm water.

Date: February 22, 2016

Immediate Actions: The maintenance personnel were informed about the problem. Corrective actions were coordinated for the same date.

Actions Taken within 14 Days: Reparations of large equipment were moved to a roofed area inside the maintenance building.

14 Day Infeasibility: N/A

45 Day Extension: N/A

Date Completed: February 23, 2016

Quarterly Progress Report (QPR) No. 5 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102

Corrective Action #7

Description of Condition: The CCP wheel washer exit road must be paved or permanently stabilized with stone in order to minimize the tracking of soil material outside the area.

Date: February 22, 2016

Immediate Actions: Facilities and CCP personnel were informed about the problem.

Actions Taken within 14 Days: Different contractors were contacted to obtain quotations and evaluate alternatives. Aggregate stone will be used to maintain the exit stabilized in the meantime.

14 Day Infeasibility: This work will be performed by an external contractor and requires quotation evaluation by AES PR, coordination with internal personnel and aggregate stone delivery to plant. This corrective action will be completed on the third week of March 2016.

45 Day Extension: N/A

Date Completed: March 16, 2016

Description of Condition: The cleaning frequency of the wheel washer used for the AGREMAX transport trucks cleaning needs to be increased.

Date: February 22, 2016

Immediate Actions: The cleaning frequency was increased to a minimum two times a week.

Actions Taken within 14 Days:

14 Day Infeasibility: N/A

45 Day Extension: N/A

Date Completed: February 23, 2016



Description of Condition: Traffic road located south of the AGREMAX storage pile and swale located at the east side of plant needed aggregate refill.

Date: February 22, 2016

Immediate Actions: Plant CCP personnel were notified about the problem and the frequency of cleaning was increased. A vacuum truck was rented in order to provide temporary support to the operation.

Actions Taken within 14 Days: External contractor and aggregate stone quotations were requested for this work. Aggregates size has been evaluated by the CCP personnel in order to provide adequate stone size and quantity.

14 Day Infeasibility: This work will be performed by an external contractor which requires quotation evaluation by AES PR, coordination with internal personnel and aggregate stone delivery to plant. This corrective action will be completed on the third week of March 2016.

45 Day Extension: N/A

Date Completed: March 17, 2016



Description of Condition: Stormwater visual inspection from sampling point 001 (dock area) showed an opaque clarity parameter. Also, the average of the four monitoring values for aluminum exceeds the benchmark. Stormwater visual inspection and monitoring were performed on February 19, 2016.

Date: February 19, 2016 (stormwater visual inspection/benchmark monitoring)

Immediate Actions: The MH personnel were informed about the problem. Corrective actions were coordinated for next day.

Actions Taken within 14 Days: The following actions were completed:

- The outfall sediment trap was cleaned using the vacuum truck.
- Cleaning the concrete drive way, inspect the PVC header and sediment trap after each coal ship.
- The stormwater inspection form was revised and improved to ensure adequate cleaning condition at the dock area.

14 Day Infeasibility: N/A

45 Day Extension: N/A

Date Completed: March 8, 2016

